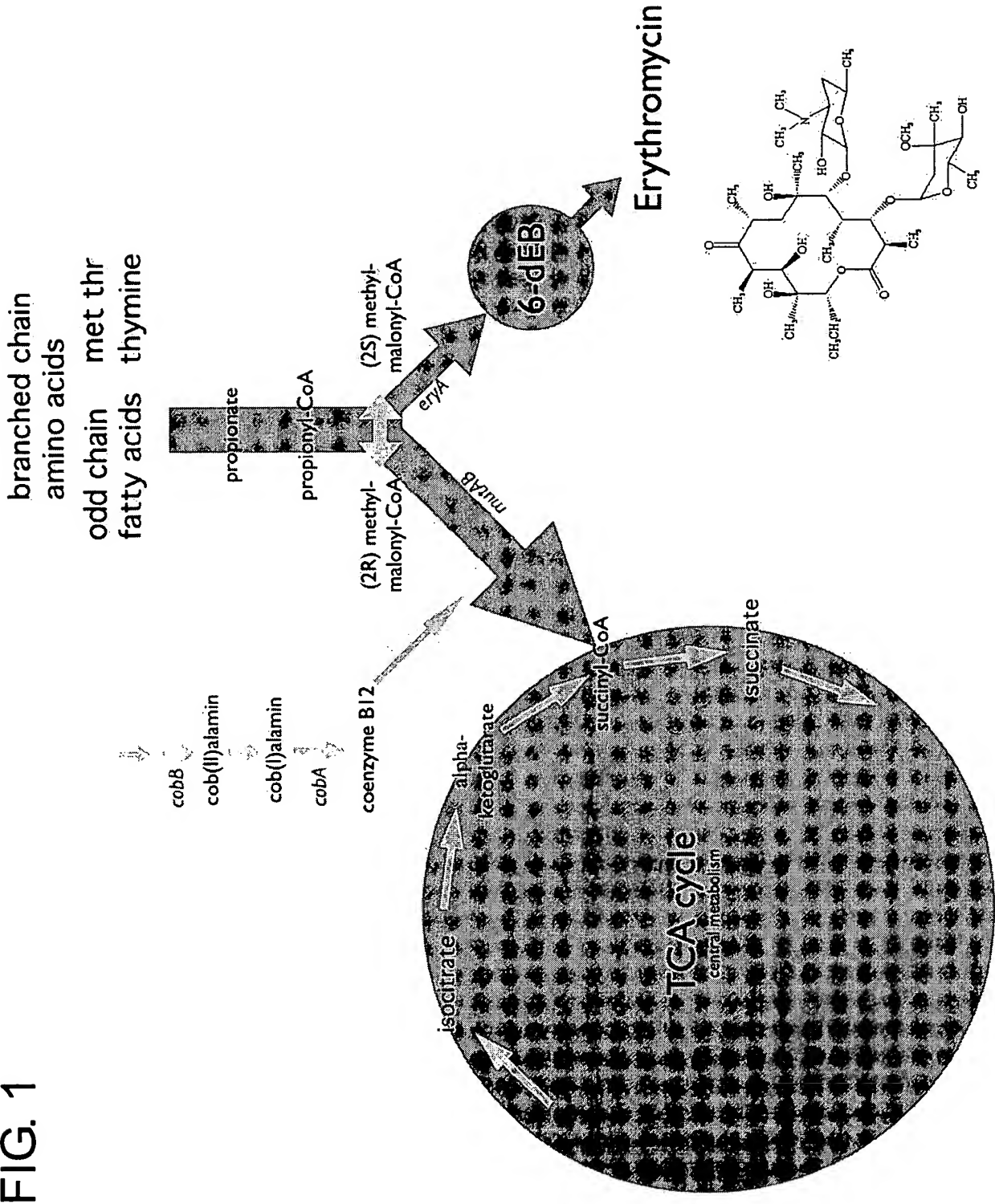


FIG. 1



REPLACEMENT SHEET

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FIG. 2

(SEQ ID NO:1)

| | |
|--|------|
| gcggtcgacg ggcgcgagcc gtgggacgcc cccgagggca tcgcggtcaa gaacctctac | 60 |
| accgccgacg acctcgccga cgtcgacgcg ctcgacacct acccgggcct cgcgccgttc | 120 |
| ctgcgcggtc cctaccggc catgtacacg acccagccgt ggacgatccg ccagtacgcc | 180 |
| gggttctcga ccgccgagga gtcgaaacgc ttctaccgcc gcaacctcgc cgccggccaa | 240 |
| aagggcctct cggtcgcctt cgacctcgcg acgcaccgcg gctacgactc cgaccaccgc | 300 |
| cgcgtgaagg gcgacgtcgg catggccggc gtcgcgatcg actcgatcta cgacgcccgc | 360 |
| cagctcttcg acggcatccc gtcgacgag atgagcgtct cgatgaccat gaacggcgcg | 420 |
| gtgctcccgg tgctcgcgct ctacatcgtg gcggccgagg agcagggggg gacgccggag | 480 |
| cagctctcgg ggaccatcca gaacgacatc ctcaaggagt tcatgggtccg caacacctac | 540 |
| atctaccgcg cggcgccgtc gatgcggatc atctccgaca tcttcgcgta cacggcggcg | 600 |
| aagatgccgc ggttcaactc catctccatc tccgggtacc acatccaaga ggccggggcg | 660 |
| acgaacgacc tcgagctcgc ctacacgctc gccgacggtg tggagtacat ccgcgccggg | 720 |
| ctcgacgtcg gcctcgacat cgacgcgttc gcgccgcggc tcagcttctt ctgggccatc | 780 |
| ggcatgaact tctacatgga gatcgcgaa g atgcgcgccg cccgtgccct gwgggcccg | 840 |
| ctcgtgcgcg acttcgaccc gaagaacccc aagagccTCa gcctgcgcac gcacagccag | 900 |
| acatcgggct ggagcctcac cgcgcaggac gtgttcaaca acgtccagcg cacctgcac | 960 |
| gaggcgatgg ccgccacgca gggccacacc cagagcctgc acacgaacgc gtcgacgag | 1020 |
| gcgatcgcgc tgccgacgga cttcagcgcg cggatcggc gcaacacgca gctgctgctg | 1080 |
| cagcaggagt cgggcaccac cggcgtcatc gaccctggg gcggctccta ctacgtcgag | 1140 |
| aagctgacgc acgacctcgc gaaccgcgcc tgggcgcaca tccaggaggt cgagaaggcc | 1200 |
| ggcggcatgg ccaaggccat cgaggcgggc atccccaaga tgcgcgtcga ggaggcggcc | 1260 |
| gccgcacgc aggcacgcat cgactccggc cagcaggccg tcatcggcgt caacacctac | 1320 |
| cgctcgcgc acgaggaccc gtcgacgtg ctcaaggctg acaacgcgtc ggtctacgcc | 1380 |
| cagcaggtgg cgaagctcga gcgactgcgc gccgagcgcg acccgagga ggtcgagcgc | 1440 |
| gcgtcgcgc ccctgacggc cagcgccgag cgtggcgcca gccgcgacgg ctgcgtcgac | 1500 |
| ggcaacctgc tcgccctggc cgtcgacgcg gcccgcgca aggcgacggt cggcgagatc | 1560 |
| tcctacgcgc tcgagaaggc ctacgggcgc caccaggccg tcatccgtac gatctccggt | 1620 |

REPLACEMENT SHEET

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FIG. 2 cont'd

| | | | | | | |
|-------------|------------|-------------|-------------|------------|-------------|------|
| gtgtaccgga | ccgaggcggg | ccagggcggc | aacgtccaga | aggtcatcga | cgccaccgag | 1680 |
| gcgttcgaga | aggccgaggg | tcgacgcccg | cgcacccctcg | tggccaagat | gggccaggac | 1740 |
| ggccacgacc | gcggccagaa | ggtcacgctc | acggcggttcg | ccgacatggg | cttcgacgctc | 1800 |
| gacgtcggac | cgctgttctc | cacgcccagag | gaggtcgcgc | agcaggccgt | ggacgccgac | 1860 |
| gtgcacatcg | tcggcgcttc | gagcctcgcg | gcggggccacc | tgacgctcct | gccggagctg | 1920 |
| aagaaggcgt | tggccgagct | cggcggcgag | gacgtcatgg | tcgtcatggg | tggcgctcatc | 1980 |
| ccgcccagacg | acgtgccgac | gctgaaggag | atgggcgctg | ccgaggtggt | cctgcccggc | 2040 |
| acggtcacg | ccgactccgc | gctcagcctg | ctcgagcggt | ccgcgcgagc | ctgcagcact | 2100 |
| agatggtcgg | ttcgtccgag | gtaa | | | | 2124 |

REPLACEMENT SHEET

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FIG. 3

(SEQ ID NO:2)

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|------|
| ctgtctctta | tacacatctc | aaccatcatc | gatgaattcc | accctgtgaa | tgcgcaaacc | 60 |
| aacccttggc | agaacatatc | catcgcgctc | gccatctcca | gcagccgcac | gcggcgcatc | 120 |
| tcgggcagcg | ttgggtcctg | gccacgggtg | cgcgatgatc | tgctcctgtc | gttgaggacc | 180 |
| cggctaggct | ggcgggggtg | ccttactggg | tagcagaatg | aatcaccgat | acgcgagcga | 240 |
| acgtgaagcg | actgctgctg | caaaacgtct | gcgacctgag | caacaacatg | aatggtcttc | 300 |
| ggttttccgtg | tttcgtaaaag | tctggaaaacg | cggaagtcag | cgccctgcac | cattatgttc | 360 |
| cggatctatg | tcgggtgcgg | agaaagaggt | aatgaaatgg | cagatccctg | gcttggtgtc | 420 |
| cacaaccgtt | aaaccttaaa | agctttaaaa | gccttatata | ttcttttttt | tcttataaaa | 480 |
| cttaaaacct | tagaggctat | ttaagttgct | gatttatatt | aattttattg | ttcaaacatg | 540 |
| agagcttagt | acgtgaaaca | tgagagctta | gtacgttagc | catgagagct | tagtacgtta | 600 |
| gccatgaggg | tttagttcgt | taaacatgag | agcttagtac | gttaaacadg | agagcttagt | 660 |
| acgtgaaaca | tgagagctta | gtacgtacta | tcaacaggtt | gaactgctga | tcttcggatc | 720 |
| tatgtcgggt | gcggagaaaag | aggtaatgaa | atggcatccg | gatctgcac | gcaggatgct | 780 |
| gctggctacc | ctgtggaaca | cctacatctg | tattaacgaa | gcaattcgaa | ttcacagagg | 840 |
| cgttatatcg | ttggccgcga | gattcctgtc | gatcctctcg | tgacgcgcga | ttccgagggg | 900 |
| aacggaaaacg | ttgagagact | cggctctggct | catcatgggg | atggaaaaccg | aggcggaaga | 960 |
| cgcctcctcg | aacaggctcg | aaggcccacc | cttttcgctg | ccgaacagca | aggccagccg | 1020 |
| atccggattg | tccccgagtt | ccttcacgga | aatgtcgcca | tccgccttga | gcgtcatcag | 1080 |
| ctgcataccg | ctgtcccga | tgaaggcgat | ggcctcctcg | cgaccggaga | gaacgacggg | 1140 |
| aaggggagaag | acgtaacctc | ggctggccct | ttggagacgc | cggctccgca | tgctggtgat | 1200 |
| gtcactgtcg | accaggatga | tccccgacgc | tccgagcgcg | agcgacgtgc | gtactatcgc | 1260 |
| gccgatgttc | ccgacgatct | tcaccccgtc | gagaacgacg | acgtccccac | gccggctcgc | 1320 |
| gatatcgccg | aacctggccg | ggcgagggac | gcgggcgatg | ccgaatgtct | tggccttccg | 1380 |
| ctcccccttg | aacaactggg | tgacgatcga | ggagtcgatg | aggcggaccg | gtatgttctg | 1440 |
| ccgcccgcac | agatccagca | actcagatgg | aaaaggactg | ctgtcgctgc | cgtagacctc | 1500 |
| gatgaactcc | accccgcccg | cgatgctgtg | catgaggggc | tcgacgtcct | cgatcaacgt | 1560 |
| tgtctttatg | ttggatcgcg | acggcttggg | gacatcgatg | atccgctgca | ccgcgggatc | 1620 |

REPLACEMENT SHEET

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FIG. 3 cont'd

| | |
|--|------|
| ggacggattt gcgatggtgt ccaactcagt catggtcgtc ctaccggctg ctgtgttcag | 1680 |
| tgacgcgatt cctggggtgt gacaccctac gcgacgatgg cggatggctg ccctgaccgg | 1740 |
| caatcaccaa cgcaagggga agtcgtcgct ctctggcaaa gctccccgct cttccccgtc | 1800 |
| cgggacccgc gcggtcgatc cccgcataatg aagtattcgc cttgatcaga tcaggtaccc | 1860 |
| ggggatcatc ttattaatca gataaaatat ttctagattt cagtgcattt tatctcttca | 1920 |
| aatgtagcac ctgaagtcag ccccatatga tataagttgt aattctcatg tttgacagct | 1980 |
| tatcatcgat aagctttaat gcggtagttt atcacagtta aattgctaac gcagtcaggc | 2040 |
| accgtgtatg aaatctaaca atgcgctcat cgtcatcctc ggcaccgtca ccctggatgc | 2100 |
| tgtaggcata ggcttggtta tgccggtact gccgggcctc ttgcgggata tcgtccattc | 2160 |
| cgacagcatc gccagtcact atggcgtgct gctagcgcta tatgcgttga tgcaatttct | 2220 |
| atgcgcaccc gttctcggag cactgtccga ccgctttggc cgccgcccag tcctgctcgc | 2280 |
| ttcgctactt ggagccacta tcgactacgc gatcatggcg accacaccgc tcctgtggat | 2340 |
| cctctacgcc ggacgcatcg tggccggcat caccggcgcc acaggtgcgg ttgctggcgc | 2400 |
| ctatatcgcc gacatcaccg atggggaaga tcgggctcgc cacttcgggc tcatgagcgc | 2460 |
| ttgtttcggc gtgggtatgg tggcaggccc cgtggccggg ggactggttg gcgccatctc | 2520 |
| cttgcattga ccattccttg cggcggcggt gctcaacggc ctcaacctac tactgggctg | 2580 |
| cttcctaata caggagtcgc ataaggaga gcgtcgaccg atgcccttga gagccttcaa | 2640 |
| cccagtcagc tccttcgggt gggcgcgggg catgactatc gtgcgcgcac ttatgactgt | 2700 |
| cttctttatc atgcaactcg taggacaggc gccggcagcg ctctgggtca ttttcggcga | 2760 |
| ggaccgcttt cgctggagcg cgacgatgat cggcctgtcg cttgcggtat tcggaatctt | 2820 |
| gcacgcctc gctcaagcct tcgtcactgg tcccgccacc aaacgtttcg gcgagaagca | 2880 |
| ggccattatc gccggcatgg cggcgcagc gctgggctac gtcttgctgg cgttcgcgac | 2940 |
| gcgaggctgg atggccttcc ccattatgat tcttctcgct tccggcggca tcgggatgcc | 3000 |
| cgcgttgcat gccatgctgt ccaggcaggc agatgacgac catcaggga agcttcaagg | 3060 |
| atcgctcgcg gctcttacca gcctaacttc gatcattgga ccgctgatcg tcacggcgat | 3120 |
| ttatgccgcc tcggcgagca catggaacgg gttggcatgg attgtaggcg ccgccctata | 3180 |
| ccttgtctgc ctccccgcgt tcgctcgcgg tgcattggagc cgggccacct cgacctgaat | 3240 |

REPLACEMENT SHEET

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| | |
|---|------|
| ggaagccggc ggcacctcgc taacggattc accactccaa gaattggagc caatcaattc | 3300 |
| ttgcggagaa ctgtgaatgc gcaaaccaac cttggcaga acatatccat cgcgtccgcc | 3360 |
| atctccagca gcgcacgcgg cgcattctcg gcacgttggg tcctggaatt cgagctcggc | 3420 |
| accagcccga cccgagcacg cgcgggcacg cctggtagat gtcggaccgg agttcgaggt | 3480 |
| acgcggcttg caggtccagg aaggggacgt ccatgcgagt gtccgttcga gtggcggtt | 3540 |
| gcgcccgatg ctatcgccg ttgatcgcg atcgagggtg cacgcggtcg atcttgacgg | 3600 |
| ctggcgagag gtgcgggagg atctgaccga cccggtccac acgtggcacc gcgatgctgt | 3660 |
| tgtgggctgg acaatcgtgc cggttggtag gatcctctag agtcgacgca tgcaagcttc | 3720 |
| tgcaggcatg caagcttcag ggttgagatg tgtataagag acag | 3764 |

REPLACEMENT SHEET

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FIG. 4

(SEQ ID NO:3)

| | |
|---|-----|
| atgccccagg gccagccgct ggtcgtcccc gacgacggcc tcaccacccg ccagcgtcgc | 60 |
| aaccgtccgc tcgtcatggt ccacaccggg cccggcaagg ggaagtcgac cgccgcgttc | 120 |
| ggcctcgcca tgcgcgcctg gaaccagggc tggaaggtcg gcgtgttcca gttcgtgaag | 180 |
| tccgccaagt ggcgcgtcgg cgagcagagc gtgctcgagc acctgggccc cctgcac GAg | 240 |
| accgagggcc tcggcggggc cgtcgagtgg cacaagatgg gctcgggctg gtcgtggtcg | 300 |
| cgcaagtcgg gcaccgacga cgaccacgcc gtcgccgccg ccgagggctg ggccgagatc | 360 |
| aagcgtcgc tcgccaccga gacgcacgac ctctacgtgc tcgacgagtt cacctacccg | 420 |
| atgaagtggg gctgggtcga cgtcgacgac gtcgccgaca cgctcgcgtc gcgccccggc | 480 |
| cgccagcacg tggatgacac cgcccgcgac gccgcccccc ggctcctgga ggtcgccgac | 540 |
| ctcgtcaccg agatgacgaa ggtcaagcac cccatggacg tcggccagaa gggtcagcga | 600 |
| ggcatcgagt ggtga | 615 |